

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046064.D
 Acq On : 18 Jun 2024 23:05
 Operator : MA/JU
 Sample : P2695-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK9

Quant Time: Jun 19 08:24:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

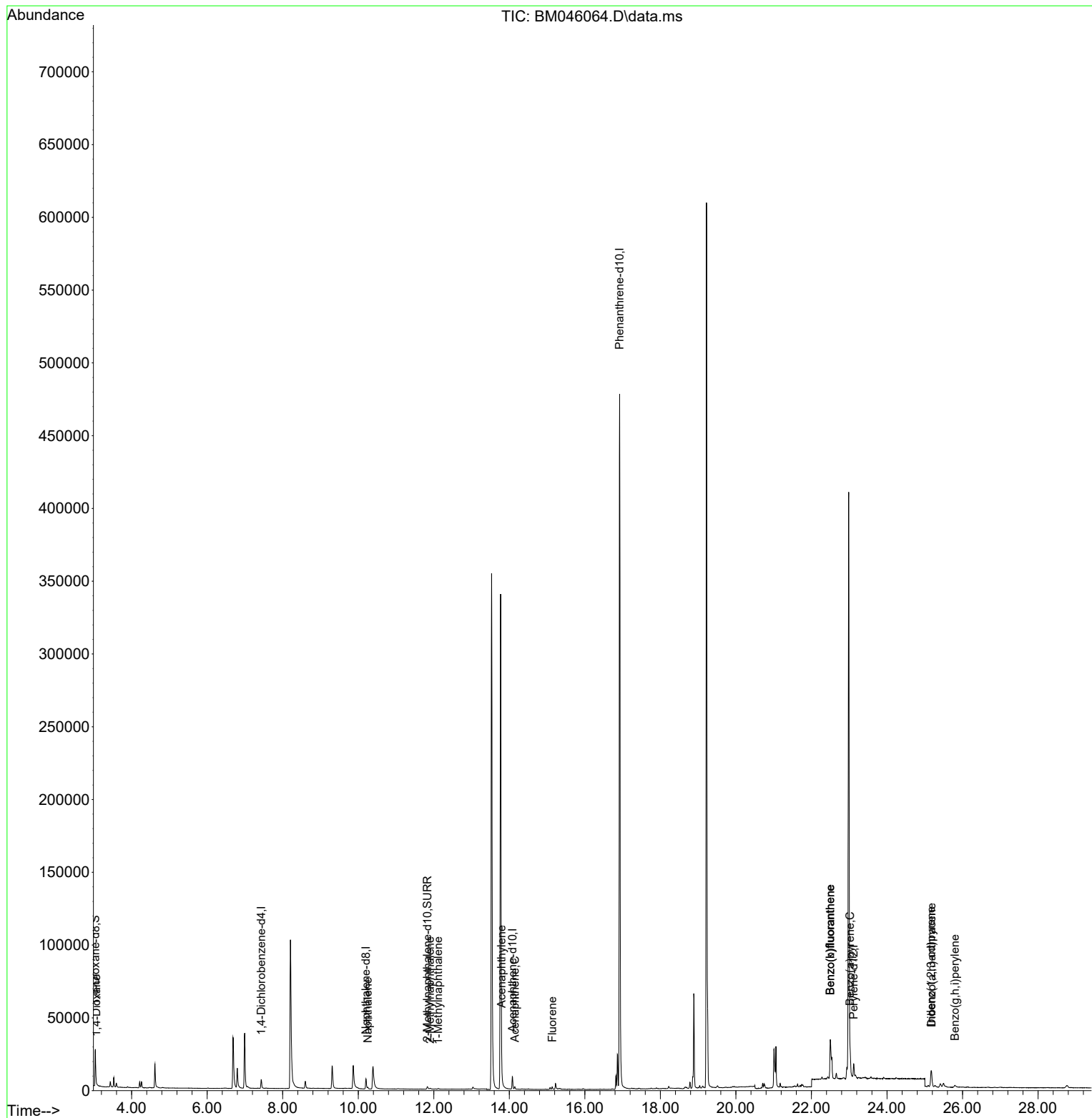
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3425	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	9672	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.080	164	5178	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.920	188	571635	0.400	ng/ul	# 0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.119	264	14312	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	15294	3.255	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	3263	0.251	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	8186	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.063	88	150	0.028	ng/ul#	46
5) Naphthalene	10.253	128	1534	0.057	ng/ul#	90
7) 2-Methylnaphthalene	11.903	142	527	0.035	ng/ul	90
8) 1-Methylnaphthalene	12.118	142	400	0.024	ng/ul	97
10) Acenaphthylene	13.798	152	2132	0.087	ng/ul#	90
11) Acenaphthene	14.145	153	1071	0.060	ng/ul	94
12) Fluorene	15.135	166	1196	0.063	ng/ul#	95
24) Benzo(b)fluoranthene	22.499	252	57742	1.120	ng/ul	93
25) Benzo(k)fluoranthene	22.499	252	57742	0.942	ng/ul	91
26) Benzo(a)pyrene	23.025	252	15532	0.325	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.169	276	17320	0.221	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.179	278	4934	0.085	ng/ul#	70
29) Benzo(g,h,i)perylene	25.799	276	3078	0.046	ng/ul#	59

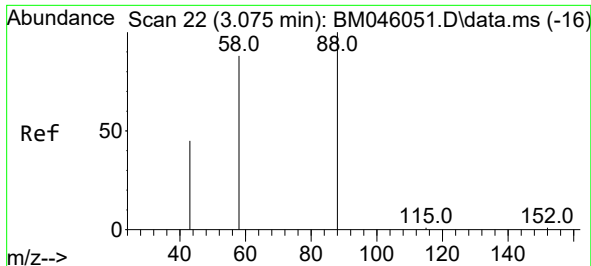
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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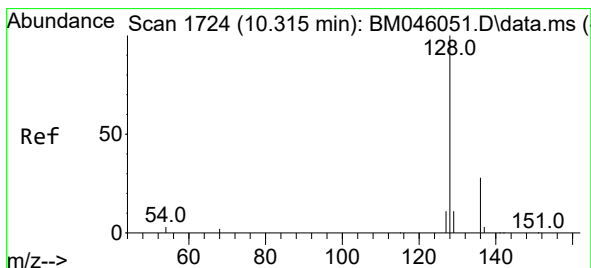
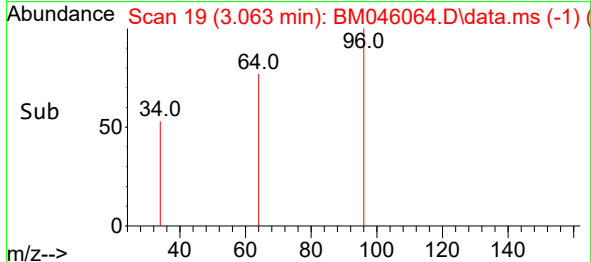
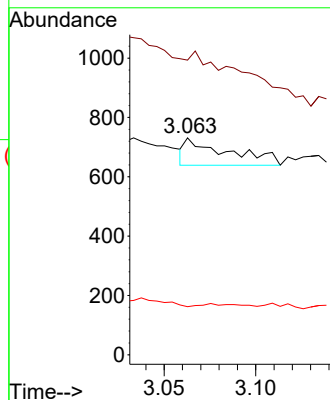
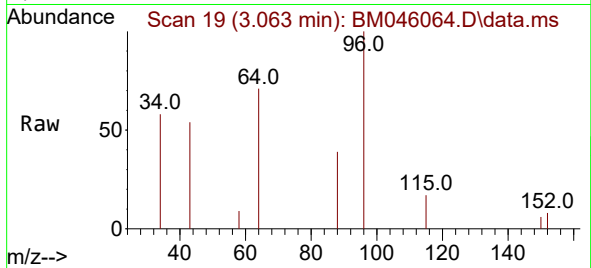




#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.063 min Scan# 11
Delta R.T. -0.013 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

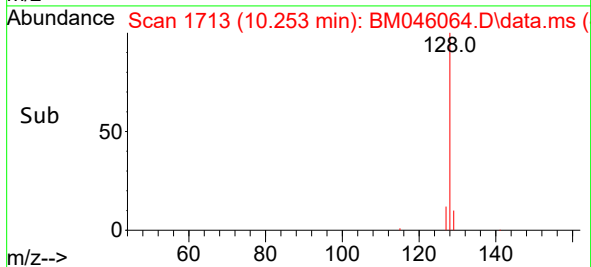
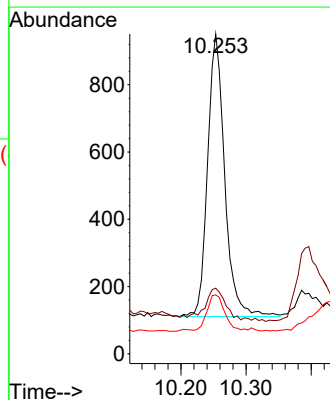
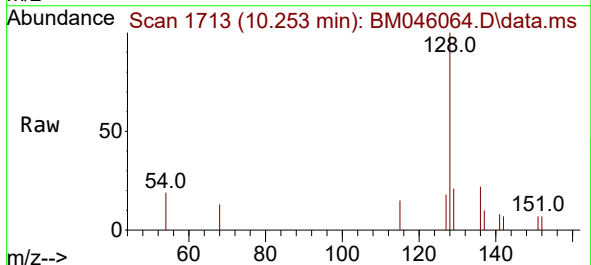
Instrument :
BNA_M
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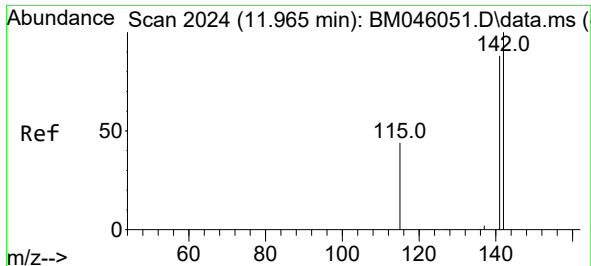
Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
43 135.8 69.8 104.8#
58 22.2 53.2 79.8#



#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.049 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

Tgt Ion: 128 Resp: 1534
Ion Ratio Lower Upper
128 100
129 20.5 11.8 17.6#
127 18.4 12.8 19.2

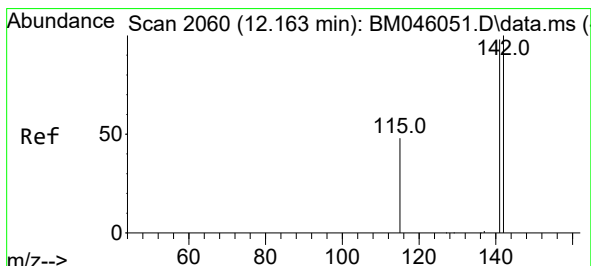
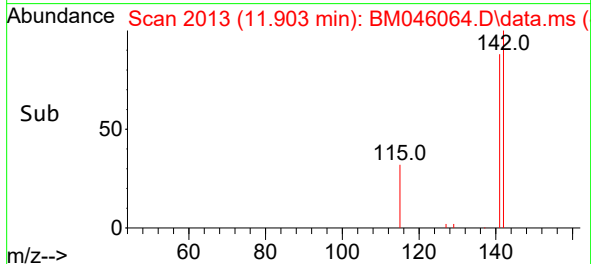
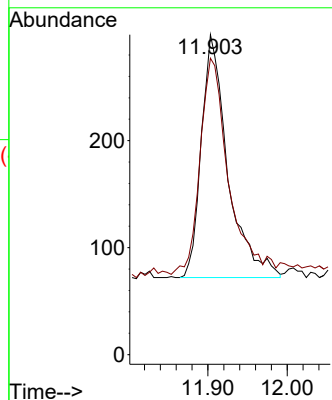
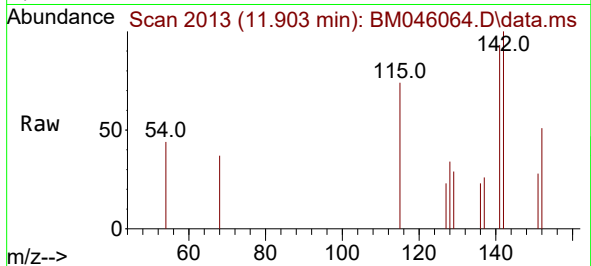




#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

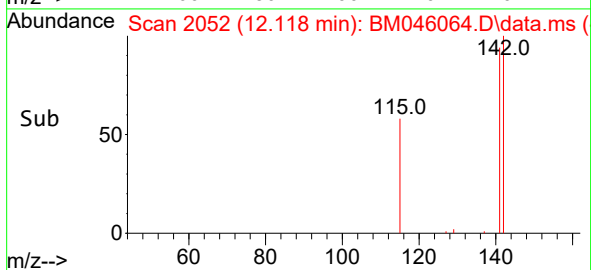
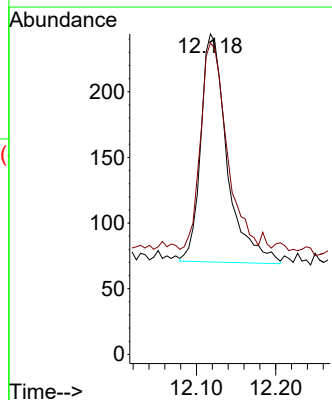
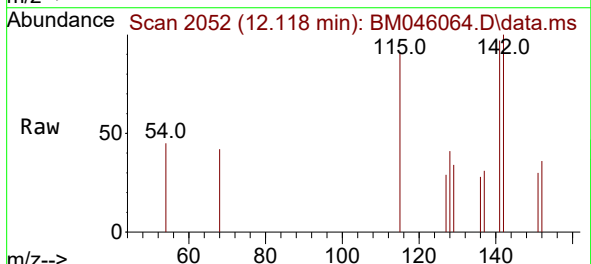
Instrument :
BNA_M
ClientSampleId :
A4BK9

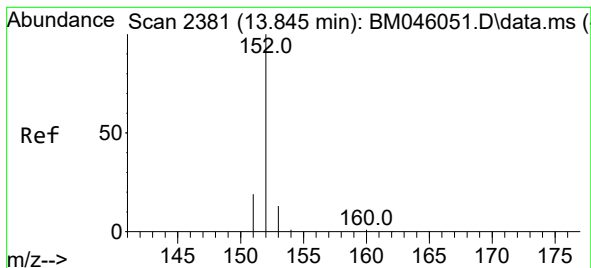
Tgt Ion:142 Resp: 527
Ion Ratio Lower Upper
142 100
141 103.0 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.118 min Scan# 2052
Delta R.T. -0.033 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

Tgt Ion:142 Resp: 400
Ion Ratio Lower Upper
142 100
141 91.3 75.2 112.8





#10

Acenaphthylene

Concen: 0.087 ng/ul

RT: 13.798 min Scan# 2132

Delta R.T. -0.037 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

Instrument :

BNA_M

ClientSampleId :

A4BK9

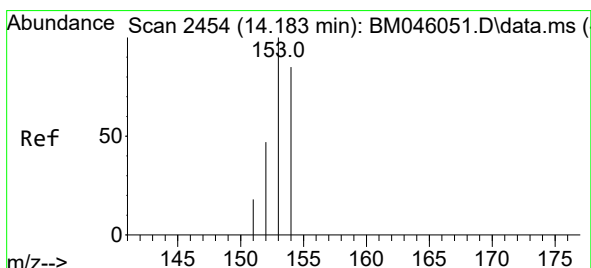
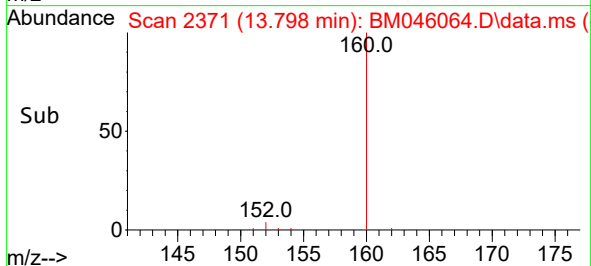
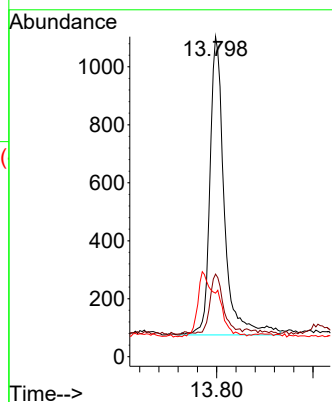
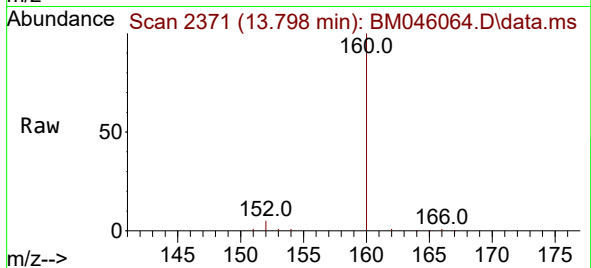
Tgt Ion:152 Resp: 2132

Ion Ratio Lower Upper

152 100

151 25.8 17.4 26.2

153 19.8 11.8 17.8#



#11

Acenaphthene

Concen: 0.060 ng/ul

RT: 14.145 min Scan# 2446

Delta R.T. -0.028 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

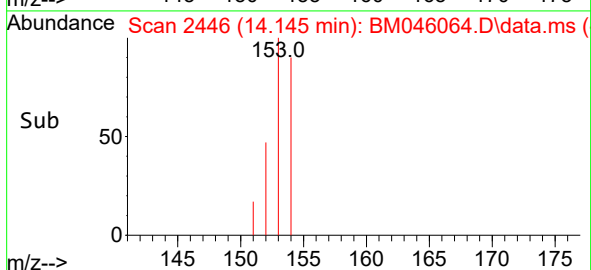
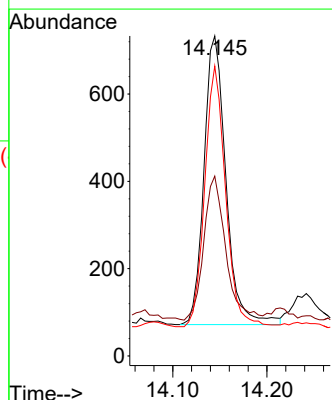
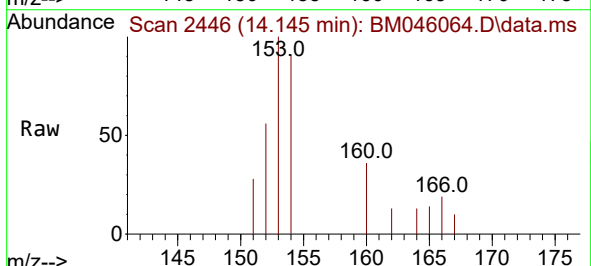
Tgt Ion:153 Resp: 1071

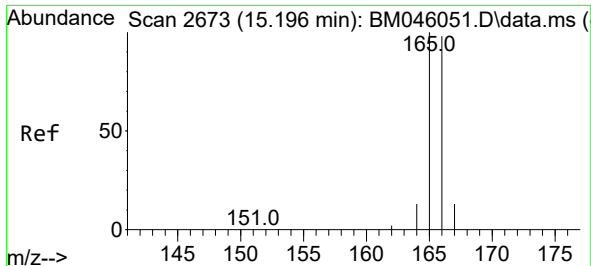
Ion Ratio Lower Upper

153 100

152 56.2 41.3 61.9

154 90.6 68.2 102.4

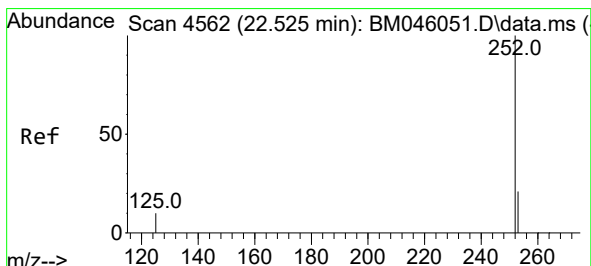
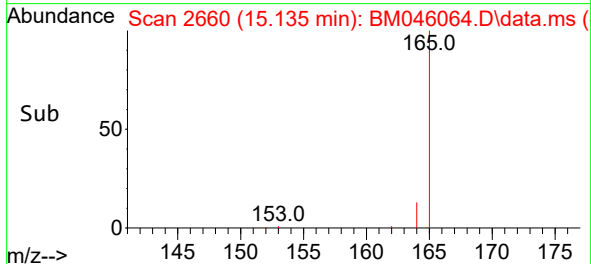
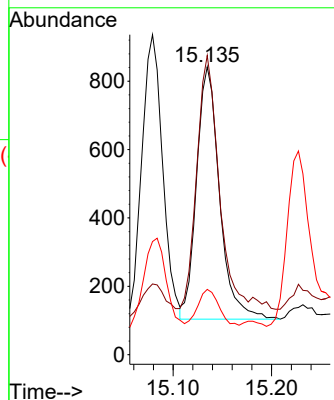
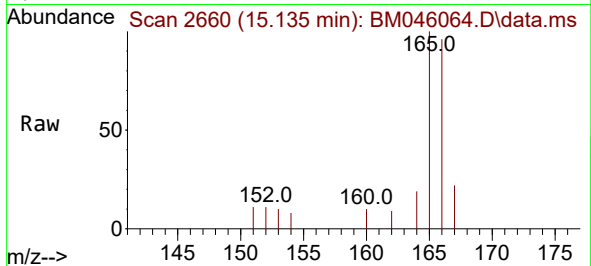




#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

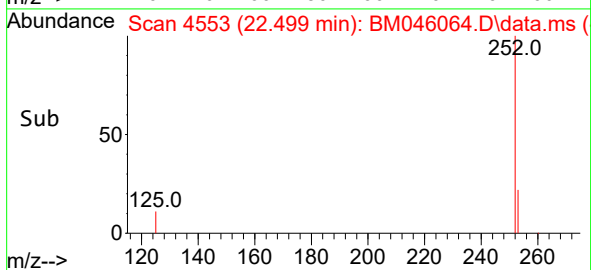
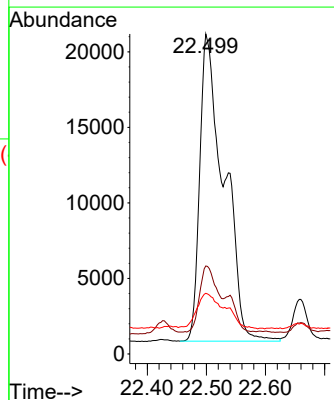
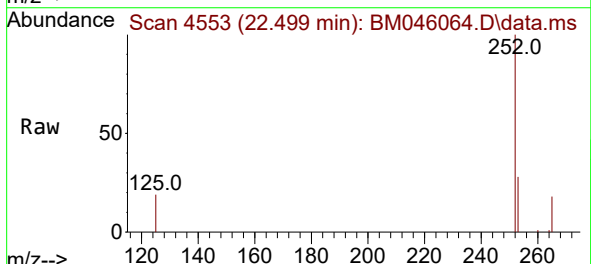
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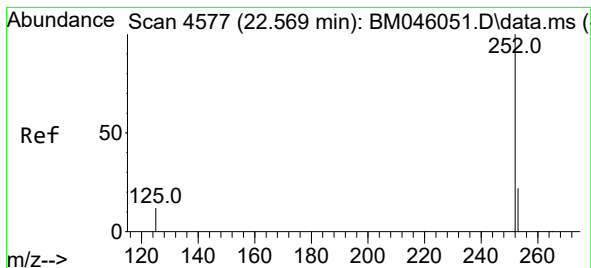
Tgt Ion:166 Resp: 1196
Ion Ratio Lower Upper
166 100
165 103.9 80.4 120.6
167 22.7 12.4 18.6#



#24
Benzo(b)fluoranthene
Concen: 1.120 ng/ul
RT: 22.499 min Scan# 4553
Delta R.T. -0.020 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

Tgt Ion:252 Resp: 57742
Ion Ratio Lower Upper
252 100
253 27.5 0.0 65.8
125 19.0 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.942 ng/ul

RT: 22.499 min Scan# 4

Delta R.T. -0.064 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

Instrument :

BNA_M

ClientSampleId :

A4BK9

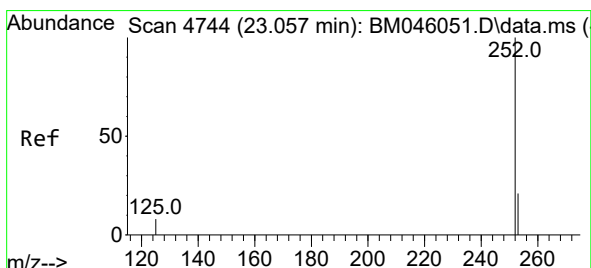
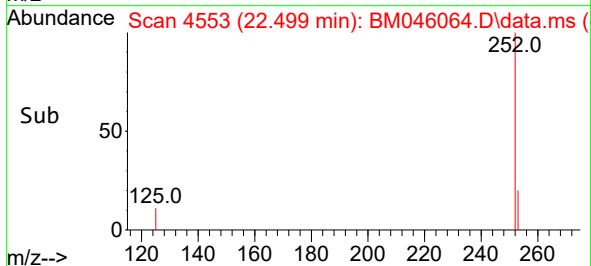
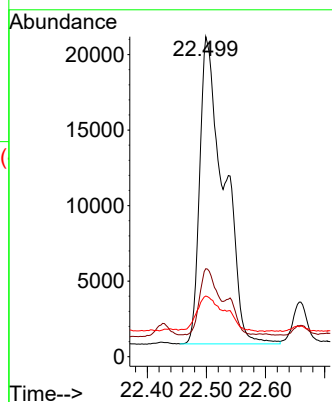
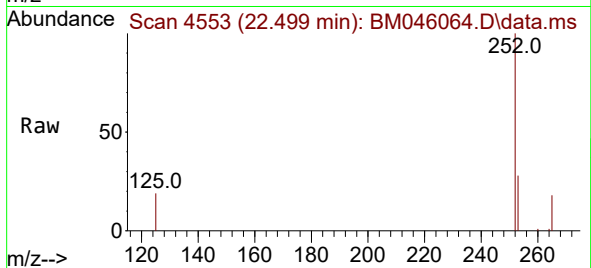
Tgt Ion:252 Resp: 57742

Ion Ratio Lower Upper

252 100

253 27.5 27.2 40.8

125 19.0 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.325 ng/ul

RT: 23.025 min Scan# 4733

Delta R.T. -0.029 min

Lab File: BM046064.D

Acq: 18 Jun 2024 23:05

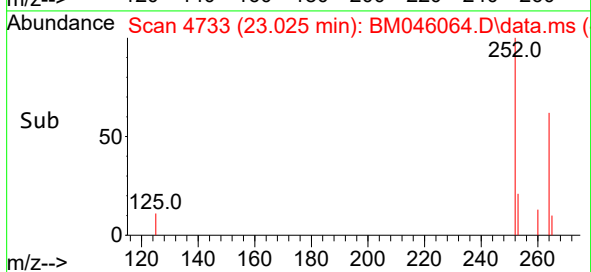
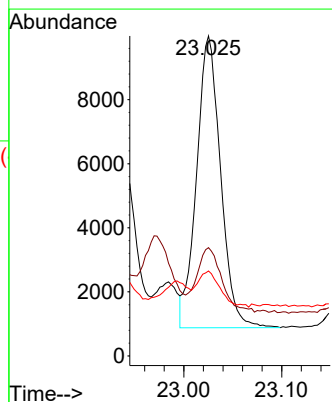
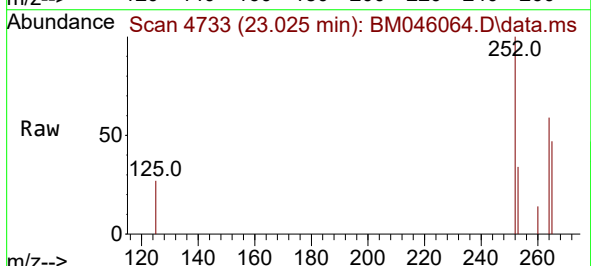
Tgt Ion:252 Resp: 15532

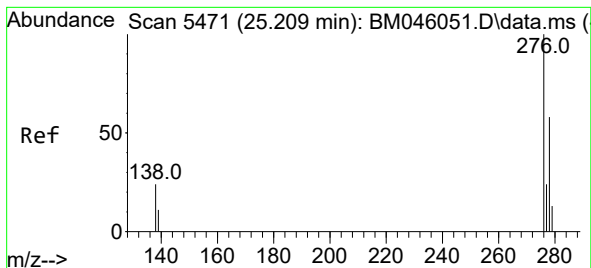
Ion Ratio Lower Upper

252 100

253 33.9 32.1 48.1

125 26.6 21.2 31.8

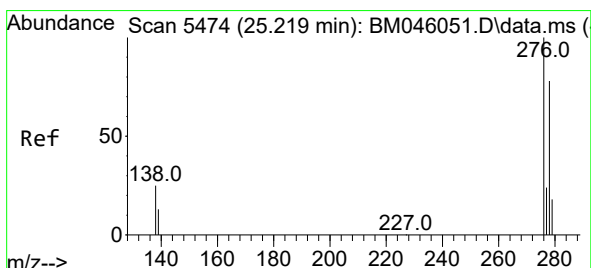
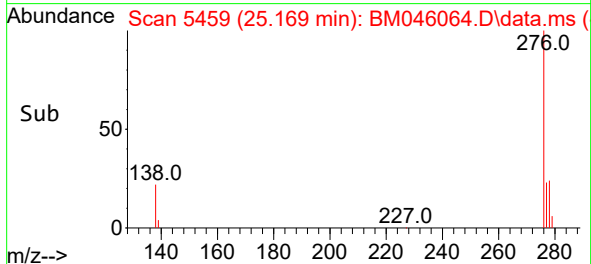
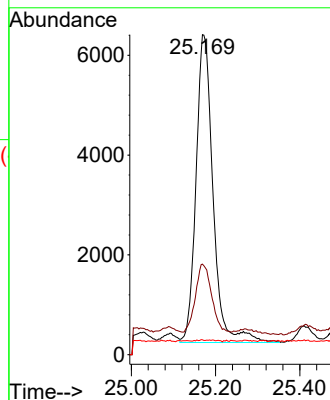
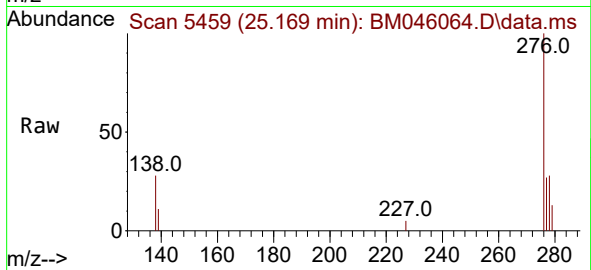




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.169 min Scan# 5461
Delta R.T. -0.033 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

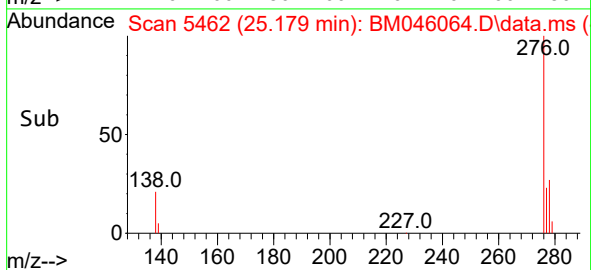
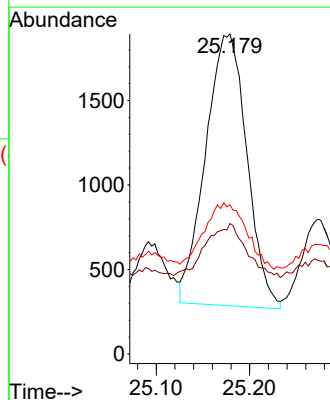
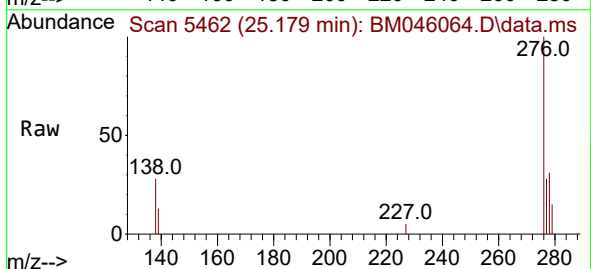
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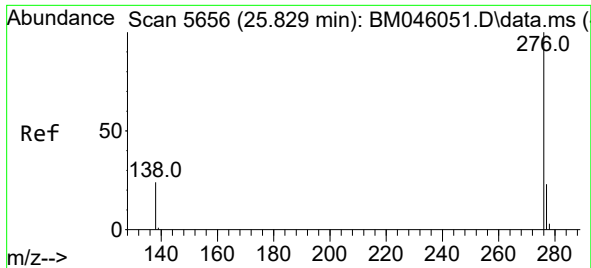
Tgt Ion:276 Resp: 17320
Ion Ratio Lower Upper
276 100
138 21.5 21.0 31.4
227 0.3 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 25.179 min Scan# 5462
Delta R.T. -0.037 min
Lab File: BM046064.D
Acq: 18 Jun 2024 23:05

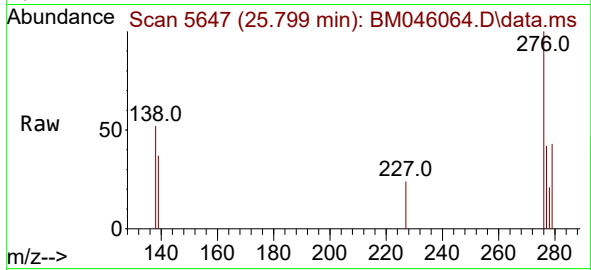
Tgt Ion:278 Resp: 4934
Ion Ratio Lower Upper
278 100
139 40.8 17.6 26.4#
279 46.6 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.046 ng/ul
 RT: 25.799 min Scan# 50
 Delta R.T. -0.030 min
 Lab File: BM046064.D
 Acq: 18 Jun 2024 23:05

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:276 Resp: 3078
 Ion Ratio Lower Upper
 276 100
 138 52.4 21.7 32.5#
 277 41.7 20.4 30.6#

